

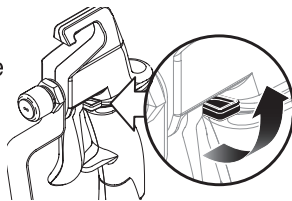
## Operator Controls

The following section describes the operator controls on the spray gun and line striper.

### Spray Gun Trigger Lock

Engage the trigger lock whenever the gun is not in use.

The gun is locked when the trigger lock is at a 90° angle (perpendicular to the trigger in either direction).



**NOTE:** If necessary, loosen the gun holder clamp knob and then engage the spray gun trigger lock. Move the spray gun to its original position and tighten the clamp knob.

### Spray Lever

The spray lever is a dual-function lever. It is located on the cart handle.

The spray lever controls the throttle on the engine as well as the trigger on the spray gun.

Pulling the spray lever will simultaneously trigger the spray gun as well as rev up the engine. This engages the engine clutch with the pump and causes the sprayer to build pressure.

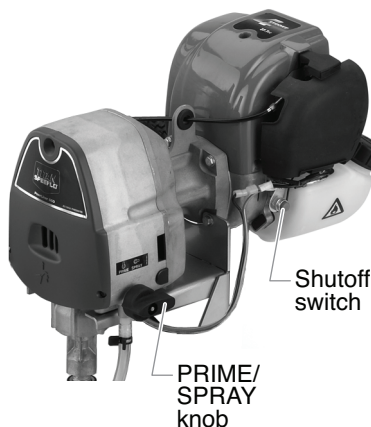


**NOTE:** The sprayer is equipped with an automatic safety shut-off switch to prevent the sprayer from over-pressurizing. When the PRIME/SPRAY knob is in the SPRAY position, pulling and holding the spray lever half way without triggering the spray gun will engage the safety shut-off switch. Refer to the Maintenance section if the safety shut-off switch engages.

### PRIME/SPRAY Knob

The PRIME/SPRAY knob directs material to the material return tube when set to PRIME or to spray hose when set to SPRAY.

The arrows on the PRIME/SPRAY knob shows the rotation directions for PRIME and SPRAY.



### Shutoff Switch

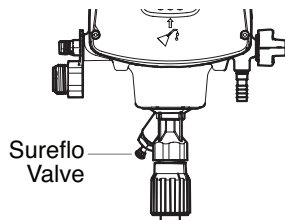
The engine shutoff switch will shut the engine off when it is running.

Press and hold the shutoff switch in order to shut the engine off.

### Sureflo™ Valve

The Sureflo™ Valve is designed to keep the inlet valve open and from sticking to dried materials.

The Sureflo Valve is activated manually by the user.



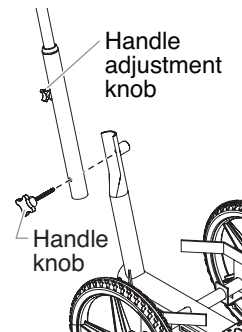
## Setup

Perform the following procedure before starting the engine of a gas-powered line striper.



**This equipment produces a fluid stream at extremely high pressure. Read and understand the warnings in the Safety Precautions section at the front of this manual before operating this equipment.**

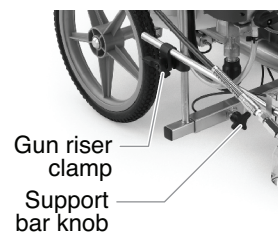
1. Attach the handle to the cart.
  - a. Line up the hole in the bottom of the handle with the support weldment on the cart.
  - b. Thread the bolt through the hole in the handle and the weldment. Tighten by turning the knob of the bolt clockwise.
  - c. Position the handle at the desired height. Loosen the knob on the rear of the support weldment in order to loosen the handle.
  - d. Pull the handle up or down to the desired height. Tighten the handle knob in order to secure the handle.
2. Make sure that the siphon tube and the return hose are attached and secure.
3. Using a wrench, thread the airless spray hose to the outlet fitting on the sprayer. Tighten securely.
4. Attach an airless spray gun to the spray hose. Using two wrenches (one on the gun and one on the hose), tighten securely.



**NOTE:** The spray gun and cables are mounted to the gun support bar at the factory.

**NOTE:** Do not attach the tip to the spray gun yet. Remove the tip if it is already attached.

5. Position the spray gun.
  - a. Loosen the support bar knob and slide the gun support bar to the desired horizontal position. Make sure the gun is far enough away from the cart so that the rear wheel does not track over the fresh spray pattern.
  - b. Loosen the gun riser clamp and slide the spray gun to the desired vertical position. A distance of 6" from the tip to the spray surface is a good starting point.



**NOTE:** The height of the spray gun affects the width of the spray pattern (i.e., the lower the gun, the smaller the line width). Tip size also affects line width.

6. Make sure the throttle cable and gun cable are operating properly. When pulling the spray lever on the cart handle, the throttle cable should be fully moving the throttle lever on the engine, and the gun cable should be pulling the gun trigger at the same time. These cables are factory-set to operate properly. If adjustment to the gun trigger tension is required, refer to the "Adjusting the Trigger Tension" procedure in the Maintenance section of this manual.
7. Turn the PRIME/SPRAY knob to the PRIME position.

**IMPORTANT:** Never operate unit for more than ten seconds without fluid. Operating this unit without fluid will cause unnecessary wear to the packings.

